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# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 860.00)

## Complete if Known

|                      |                      |
|----------------------|----------------------|
| Application Number   | 10/749,869           |
| Filing Date          | December 31, 2003    |
| First Named Inventor | Robert Edward Gamble |
| Examiner Name        |                      |
| Art Unit             | 3641                 |
| Attorney Docket No.  | 24AT-135859          |

## METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit Account Number  
Deposit Account Name

01-2384

Armstrong Teasdale LLP

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

## 1. BASIC FILING FEE

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description        | Fee Paid    |
|----------------------------|----------------------------|------------------------|-------------|
| 1001 770                   | 2001 385                   | Utility filing fee     | \$770       |
| 1002 340                   | 2002 170                   | Design filing fee      |             |
| 1003 530                   | 2003 265                   | Plant filing fee       |             |
| 1004 770                   | 2004 385                   | Reissue filing fee     |             |
| 1005 160                   | 2005 80                    | Provisional filing fee |             |
| SUBTOTAL (1)               |                            |                        | (\$ 770.00) |

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| Total Claims       | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|----------------|----------|
| 25                 | -20** = 5    | X 18           | = 90     |
| Independent Claims | 3            | -3** =         | = 0      |
| Multiple Dependent |              |                |          |

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description  |
|----------------------------|----------------------------|--|
| 1202 18                    | 2202 9                     | Claims in excess of 20                                     |
| 1201 86                    | 2201 43                    | Independent claims in excess of 3                          |
| 1203 290                   | 2203 145                   | Multiple dependent claim, if not paid                      |
| 1204 86                    | 2204 43                    | ** Reissue independent claims over original patent         |
| 1205 18                    | 2205 9                     | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$ 90)

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Entity Small Entity

| Fee Code (\$) | Fee Code (\$) | Fee Description  | Fee Paid |
|---------------|---------------|--|----------|
| 1051 130      | 2051 65       | Surcharge - late filing fee or oath  |          |
| 1052 50       | 2052 25       | Surcharge - late provisional filing fee or cover sheet                     |          |
| 1053 130      | 1053 130      | Non-English specification  |          |
| 1812 2,520    | 1812 2,520    | For filing a request for ex parte reexamination                            |          |
| 1804 920*     | 1804 920*     | Requesting publication of SIR prior to Examiner action                     |          |
| 1805 1,840*   | 1805 1,840*   | Requesting publication of SIR after Examiner action                        |          |
| 1251 110      | 2251 55       | Extension for reply within first month                                     |          |
| 1252 420      | 2252 210      | Extension for reply within second month                                    |          |
| 1253 950      | 2253 475      | Extension for reply within third month                                     |          |
| 1254 1,480    | 2254 740      | Extension for reply within fourth month                                    |          |
| 1255 2,010    | 2255 1,005    | Extension for reply within fifth month                                     |          |
| 1401 330      | 2401 165      | Notice of Appeal   |          |
| 1402 330      | 2402 165      | Filing a brief in support of an appeal                                     |          |
| 1403 290      | 2403 145      | Request for oral hearing   |          |
| 1451 1,510    | 1451 1,510    | Petition to institute a public use proceeding                              |          |
| 1452 110      | 2452 55       | Petition to revive - unavoidable   |          |
| 1453 1,330    | 2453 665      | Petition to revive - unintentional   |          |
| 1501 1,330    | 2501 665      | Utility issue fee (or reissue)   |          |
| 1502 480      | 2502 240      | Design issue fee   |          |
| 1503 640      | 2503 320      | Plant issue fee  |          |
| 1460 130      | 1460 130      | Petitions to the Commissioner  |          |
| 1807 50       | 1807 50       | Processing fee under 37 CFR 1.17(q)  |          |
| 1806 180      | 1806 180      | Submission of Information Disclosure Stmt                                  |          |
| 8021 40       | 8021 40       | Recording each patent assignment per property (times number of properties) |          |
| 1809 770      | 2809 385      | Filing a submission after final rejection (37 CFR 1.129(a))                |          |
| 1810 770      | 2810 385      | For each additional invention to be examined (37 CFR 1.129(b))             |          |
| 1801 770      | 2801 385      | Request for Continued Examination (RCE)                                    |          |
| 1802 900      | 1802 900      | Request for expedited examination of a design application                  |          |

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

## SUBMITTED BY

Name (Print/Type) Patrick W. Rasche

Registration No. (Attorney/Agent)

37,916

(Complete if applicable)

Telephone 314-621-5070

Signature

Date

September 7, 2004

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Robert E. Gamble, et al. :  
Serial No.: 10/749,869 : Art Unit: 3641  
Filed: December 31, 2003 : Examiner:  
For: CORE CATCHER COOLING : Atty. Dkt. No.: 24AT-135859  
: :  
:

**CERTIFICATE OF MAILING BY EXPRESS MAIL TO  
THE COMMISSIONER OF PATENTS AND TRADEMARKS**

Express Mail label number: **EV504790775US**

Date of Mailing: **September 7, 2004**

I certify that documents listed below:

- Response to Notice to Filing Missing Parts of Nonprovisional Application (1 pg., in duplicate)
- Part 2 Copy of Notice to Filing Missing Parts of Nonprovisional Application (2 pgs.)
- Declaration/Power of Attorneys (3 pgs., of inventors: R. Gamble; M. Aburomia & P. Gou)
- Patent Practitioner(s) Designation Under 37 CFR 1.32(c)(3) (1 pg.)
- Utility Patent Application Fee Transmittal (1 pg., in duplicate)
- Certificate of Express Mail (1 pg.)
- Return postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above in an envelope addressed to Mail Stop: Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Patrick W. Rasche, Reg. No.: 37,916  
Armstrong Teasdale LLP  
One Metropolitan Square, Suite 2600  
St. Louis, MO 63102  
314-621-5070

Express Mail No.: EV504790775US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Robert E. Gamble, et al.

Serial No.: 10/749,869

Filed: December 31, 2003

For: CORE CATCHER COOLING

:  
: Art Unit: 3641  
:  
: Examiner:  
:  
: Atty. Dkt. No.: 24AT-135859  
:  
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RESPONSE TO NOTICE TO FILE MISSING PARTS  
IN A NONPROVISIONAL APPLICATION

Mail Stop: Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

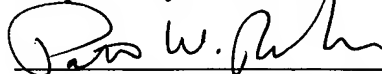
Sir:

In response to the Notice to File Missing Parts of Nonprovisional Application ("Notice") (copy enclosed) of Applicant: **Robert Edward Gamble, et al.**, Serial No.: **10/749,869** dated **May 4, 2004**, Applicants respectfully submit the following: fully executed Declaration/Power of Attorney documents of inventors: **Robert Edward Gamble, Momtaz Mahdi Aburomia**, and **Perng-Fei Gou**; (3 pgs.) and the Patent Practitioner(s) Designation Under 37 CFR 1.32(c)(3) in compliance with the requirements set forth in 37 CFR 1.63;

Fully executed Utility Patent Application Fee Transmittal (in duplicate) for payment of the statutory filing fees ; and

The Commissioner is asked to consider this a request for a two-month extension of time through and including **September 7, 2004**, to file this Response and is hereby authorized to charge Deposit Account Number 01-2384, for the late filing fee set forth in 37 CFR 1.16(e) of \$130.00; and the two-month extension of time fee set forth in 37 CFR 1.17(a)(2) of \$420.00.

Respectfully submitted,



Patrick W. Rasche, Reg. No. 37,916  
ARMSTRONG TEASDALE LLP  
One Metropolitan Square, Suite 2600  
St. Louis, Missouri 63102-2740  
(314) 621-5070

09-08-04



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

| APPLICATION NUMBER | FILING OR 371 (c) DATE | FIRST NAMED APPLICANT | ATTORNEY DOCKET NUMBER |
|--------------------|------------------------|-----------------------|------------------------|
| 10/749,869         | 12/31/2003             | Robert Edward Gamble  | 24AT-135859            |

Patrick W. Rasche  
 Armstrong Teasdale LLP  
 Suite 2600  
 One Metropolitan Square  
 St. Louis, MO 63102



CONFIRMATION NO. 6292

## FORMALITIES LETTER



\*OC000000012514567\*

Date Mailed: 05/04/2004

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 770 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).*
- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

The applicant needs to satisfy supplemental fees problems indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Additional claim fees of \$90 as a non-small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.

SUMMARY OF FEES DUE:

Total additional fee(s) required for this application is \$990 for a Large Entity

- \$770 Statutory basic filing fee.
- \$130 Late oath or declaration Surcharge.
- Total additional claim fee(s) for this application is \$90

09/09/2004 ZJUHA1 00000017 012384 10749869  
 01 FC:1001 770.00 DA  
 02 FC:1202 90.00 DA  
 09/09/2004 ZJUHA1 00000018 012384 10749869  
 02 FC:1051 130.00 DA

- \$90 for 5 total claims over 20.

Replies should be mailed to: Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

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*A copy of this notice **MUST** be returned with the reply.*

A handwritten signature in black ink, consisting of a series of loops and a long horizontal stroke at the end.

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Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE